

IN THE CLAIMS

Please amend Claims 32, 34, 37, and 39 as indicated below. The following is a complete listing of claims and replaces all prior versions and listings of claims in the present application:

1.-31. (Canceled)

32. (Currently Amended) A color facsimile apparatus

comprising:

a reading unit constructed to read an image;

a generating unit constructed to generate ~~a plurality of~~ line image data representing at least part of the image;

a line buffering unit constructed to ~~store~~ buffer at least a portion of ~~plurality of~~ the line image data ~~generated by said generating unit in a buffer~~;

a header buffer unit constructed to buffer a character code set;

an expansion unit constructed to expand the character code set into an expanded character code set;

a conversion unit constructed to convert the expanded character code set to a converted character code set equivalent to a number of lines of a minimum coded unit for JPEG compression processing, the converted character code set including transmission information for at least one of a page header and a page footer;

an extracting unit constructed to sequentially extract, from the line buffer unit, an amount of the line image data equivalent to the number of lines of the minimum coded unit for JPEG compression processing from the line buffer unit;

an ~~overwriting~~ exchanging unit constructed to ~~overwrite~~ transmission information of image data for a page header or page footer in at least one respective line exchange the number of lines of the minimum coded unit for JPEG compression from the ~~[[of]]~~ extracted line image data extracted by said extracting unit with the converted character code set with the transmission information when the at least one respective line lines of the extracted image data is ~~image data corresponding~~ correspond to at least one of a header portion in the image and ~~[[or]]~~ a footer portion in the image;

a compressing unit constructed to sequentially execute JPEG compression processing for each minimum coded unit of the extracted image data including ~~the minimum coded unit of the extracted image data in which the transmission information is overwritten~~ the transmission information;

a storing unit constructed to store compressed data output by said compressing unit in a memory; and

a transmitting unit constructed to transmit a JPEG image data based on the compressed data stored in the memory~~[[,]]~~

wherein the JPEG image data includes the compressed data of the transmission information.

33. (Canceled).

34. (Currently Amended) A color facsimile apparatus according to claim 32, further comprising a determining unit constructed to determine whether the amount of the line image data of the extracted image data is the amount of the line image data of the extracted image data corresponding to a header portion or footer portion in the image, and wherein said ~~overwriting exchanging~~ unit ~~overwrites~~ exchanges the number of lines of minimum coded unit for JPEG compression with the transmission information ~~in the amount of line image data of the extracted data~~ according to a determination of said determining unit.

35. (Previously Presented) A color facsimile apparatus according to claim 32, wherein the transmission information indicates at least one of a date, a time, and a number of pages.

36. (Canceled).

37. (Currently Amended) A controlling method of a color facsimile apparatus comprising the steps of:

using a computer to perform the following:

reading an image;

generating ~~a plurality of~~ line image data representing at least part of the image;

buffering storing at least a portion of the ~~plurality of~~ the line image data ~~generated in said generating step in a buffer;~~

buffering a character code set;

expanding the character code set into an expanded character code set;

converting the expanded character code set to a converted character code set equivalent to a number of lines of a minimum coded unit for JPEG compression processing, the converted character code set including transmission information for at least one of a page header and a page footer;

sequentially extracting, from buffered line image data, an amount of the line image data equivalent to the number of lines of the minimum coded unit for JPEG compression processing from the line buffer unit;

overwriting transmission information of image data for a page header or page footer in at least one respective line exchanging the number of lines of minimum coded unit for JPEG compression from the ~~[[of]]~~ extracted line image data extracted in said extracting step with the converted character code set with the transmission information when the at least one respective line lines of the extracted image data is image data corresponding correspond to at least one of a header portion in the image and ~~[[or]]~~ a footer portion in the image;

sequentially executing JPEG compression processing for each minimum coded unit of the extracted image data including the minimum coded unit of the extracted image data in which the transmission information is overwritten transmission information;

storing compressed data in a memory; and

transmitting a JPEG image data based on the compressed data stored in the memory[[,]]

~~wherein the JPEG image data includes the compressed data of the transmission information.~~

38. (Canceled)

39. (Currently Amended) A storage medium storing a program for causing a computer to function as the following unit in a color facsimile apparatus:

a reading unit for reading an image;

a generating unit for generating ~~a plurality of~~ line image data representing at least part of the image;

a line buffering unit for ~~storing~~ buffering at least a portion of the ~~plurality of the line image data generated by said generating unit;~~

a header buffer unit for buffering a character code set;

an expansion unit for expanding the character code set into an expanded character code set;

a conversion unit for converting the expanded character code set to a converted character code set equivalent to a number of lines of a minimum coded unit for JPEG compression processing, the converted character code set including transmission information for at least one of a page header and a page footer;

an extracting unit for sequentially extracting from the line buffering unit, an amount of the line image data equivalent to the number of lines of the minimum coded unit for JPEG compression processing ~~from the line buffer unit~~;

an ~~overwriting~~ exchanging unit for ~~overwriting~~ transmission information of image data for a page header or page footer in at least one respective line exchanging the number of lines of minimum coded unit for JPEG compression from the of extracted line image data extracted by said extracting unit ~~with the converted character code set~~ with the transmission information when the ~~at least one~~ respective line lines of the extracted image data is ~~image data corresponding~~ correspond to at least one of a header portion in the image and ~~[[or]]~~ a footer portion in the image;

a compressing unit for sequentially executing JPEG compression processing for each minimum coded unit of the extracted image data including the ~~minimum coded unit of the extracted image data in which the transmission information is~~ overwritten transmission information;

a storing unit for storing compressed data by said compressing unit in a memory; and

a transmitting unit for transmitting a JPEG image data based on the compressed data stored in the memory~~[[,]]~~

wherein the JPEG image data includes the compressed data of the transmission information.

40. (Canceled).